CLAIMS

What is claimed:

1	1.	An integrated circuit comprising:	
2		a base that includes power contacts which extend from an upper	
3	surface of the base to engage a daughterboard that includes a voltage source;		
4		a substrate mounted to the upper surface of the base, the substrate	
5	being electrically coupled to the base; and		
6		a die mounted on the substrate, the die being electrically coupled to	
7	the substrate to receive power from the voltage source through the power contacts		
8	on the base.		
1	2.	The integrated circuit of claim 1, wherein the voltage source is a	
2	voltage regulator.		
1	3.	The integrated circuit of claim 1, wherein the upper surface of the	
2	base includes	a recess, the substrate being mounted within the recess.	
1	4.	The integrated circuit of claim 1, wherein the base further includes	
2	I/O contacts e	extending from a bottom surface of the base.	
1	5.	The integrated circuit of claim 4, wherein the power contacts are	
2	blade type and	d the I/O contacts are formed in a large grid array.	
1	6.	The integrated circuit of claim 1, wherein the substrate is surface	
2	mounted to th	e base.	
1	7.	The integrated circuit of claim 1, further comprising a heat spreader	
2	coupled to the die.		

1	8.	An electronic assembly comprising:	
2		a base that includes power contacts which extend from an upper	
3	surface of the base;		
4		a substrate mounted to the upper surface of the base;	
5		a die mounted on the substrate;	
6		a motherboard positioned adjacent to a bottom surface of the base,	
7	the motherboard being electrically coupled to the base; and		
8		a daughterboard engaging the power contacts on the upper surface of	
9	the base to electrically couple a voltage source on the daughterboard to the die.		
1	9.	The electronic assembly of claim 8, wherein the substrate is surface	
2	mounted to the base.		
1	10.	The electronic assembly of claim 8, further comprising at least one	
2	fastener that c	ompresses the base against the motherboard and the daughterboard.	
1	11.	The electronic assembly of claim 8, further comprising a heat	
2	spreader coupled to the die and a heat sink coupled to the heat spreader.		
1	12.	The electronic assembly of claim 11, further comprising at least one	
2	fastener to secure the electronic assembly to a chassis.		
1	13.	The electronic assembly of claim 12, wherein the motherboard, the	
2	base and the daughterboard are positioned between the heat sink and the chassis		
3	when the electronic assembly is coupled to the chassis.		

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base includes a recess, the substrate being mounted within the recess.

The electronic assembly of claim 8, wherein the upper surface of the

- 1 15. The electronic assembly of claim 8, wherein the base further includes 2 I/O contacts extending from a bottom surface of the base to engage the 3 motherboard. 1 16. The electronic assembly of claim 15, wherein the power contacts are 2 blade type and the I/O contacts are formed in a large grid array. 1 17. An electronic system comprising: 2 a bus; 3 a memory coupled to the bus; 4 an electronic assembly that includes a motherboard and a 5 daughterboard where at least one of the motherboard and the daughterboard are 6 coupled to the bus, the electronic assembly further including a base mounted on the 7 motherboard, a substrate mounted to an upper surface of the base and a die mounted 8 on the substrate, the base including power contacts that extend from the upper 9 surface of the base to engage the daughterboard; and 10 a voltage source mounted on the daughterboard to provide power to 11 the die through the power contacts. 1 18. The electronic system of claim 17, wherein the base further includes 2 I/O contacts extending from a bottom surface of the base to engage the 3 motherboard. 1 19. The electronic system of claim 18, wherein the power contacts are 2 blade type and the I/O contacts are formed in a large grid array.
- 1 20. The electronic system of claim 17, wherein the upper surface of the
- 2 base includes a recess, the substrate being mounted within the recess.

1 21. The electronic system of claim 17, wherein the substrate is surface 2 mounted to the base. 22. A method comprising: 1 2 attaching a die to a substrate; attaching the substrate to an upper surface of a base; 3 engaging power contacts that extend from the upper surface of the 4 base with a daughterboard that includes a voltage source; and 5 6 supplying power from the voltage source to the die using the power 7 contacts. 23. The method of claim 22, further comprising attaching a motherboard 1 to a bottom surface of the base. 2 The method of claim 23, further comprising securing the 1 24. 2 motherboard and the daughterboard to a chassis. 25. The method of claim 24, wherein securing the motherboard and the 1 2 daughterboard to a chassis includes compressing the base, the substrate and the die 3 between the motherboard and the daughterboard. 1 26. The method of claim 22, wherein attaching a substrate to an upper 2 surface of a base includes surface mounting the substrate to the base. 27. The method of claim 22, wherein attaching a substrate to an upper 1 surface of a base includes mounting the substrate within a recess in the upper 2

surface of the base.

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1 28. The method of claim 22, further comprising; 2 attaching a heat spreader to the die; and 3 attaching a heat sink to the heat spreader.